



POWER GENERATION

CURSOR 16
600 kVA

**Our efficiency.
Your edge.**

The Energy of Innovation

Wherever energy has to be delivered quickly and reliably, FPT Industrial provides the optimal answer with its state-of-the-art range of engines for Power Generation applications.

To fulfill market requirements, FPT Industrial has developed different engine ranges respectively compliant with most demanding Emissions Standards. FPT Industrial products offer functional layouts, hi-tech contents and carefully selected top quality components as well.

If you are looking for top power, fast load response and high power density together with low fuel consumption, CURSOR 16 is the best choice you can get. Outstanding performance is just one of the benefits of this engine: high reliability, long maintenance intervals and low fuel consumption, which means extremely low operating cost, are the core values of this engine.

Model	Cylinder Arrangement Air Intake Exhaust System	Injection System	Displacement	Liters	Emissions	50 Hz / 1500 rpm						60 Hz / 1800 rpm						Typical Generator eff. 1500/1800 rpm switchable
						Stand-by Power			Prime Power			Stand-by Power			Prime Power			
						kWm (net)	kWe	kVA	kWm (net)	kWe	kVA	kWm (net)	kWe	kVA	kWm (net)	kWe	kVA	
CURSOR16TE1W ³	6L/TAA	ECR	15,9	UR	557	529	661	505	480	600	578	549	686	523	497	621	95%	●

Legend

Arrangement

L In line

Air Intake

TAA Turbocharged Aftercooler

Injection System

ECR Electronic Common Rail

- UR Unregulated
- 3 TÜV measured based on TA-Luft Standards
- kVA kiloVolt Ampere calculations based on a 0.8 power factor
- 1500 rpm / 1800 rpm Switchable Engine
- Not Switchable Engine

A Superior Technology and Outstanding Advantages

Performance

- The "Diesel of the Year 2014" award winner Cursor 16 delivers 18-litre performance in a 13-litre package.
- Best in class double re-entrant piston bowl designed to optimize combustion process and minimize noise output.
- Top performance in terms of load acceptance thanks to 220 bar of in-cylinder pressure and 2200 bar Common rail injection system with flexible fuel injection control.

Compactness

- Most compact G-Drive on the market (48% better than the competitors average) allows the Genset Manufactures to pack a 600kVA within a canopy of a 400 kVA.
- Best-in-class in width (20% better than the competitors average) and height (16% better than the competitors average).

Total Cost of Ownership

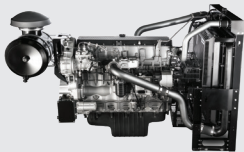
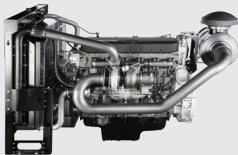
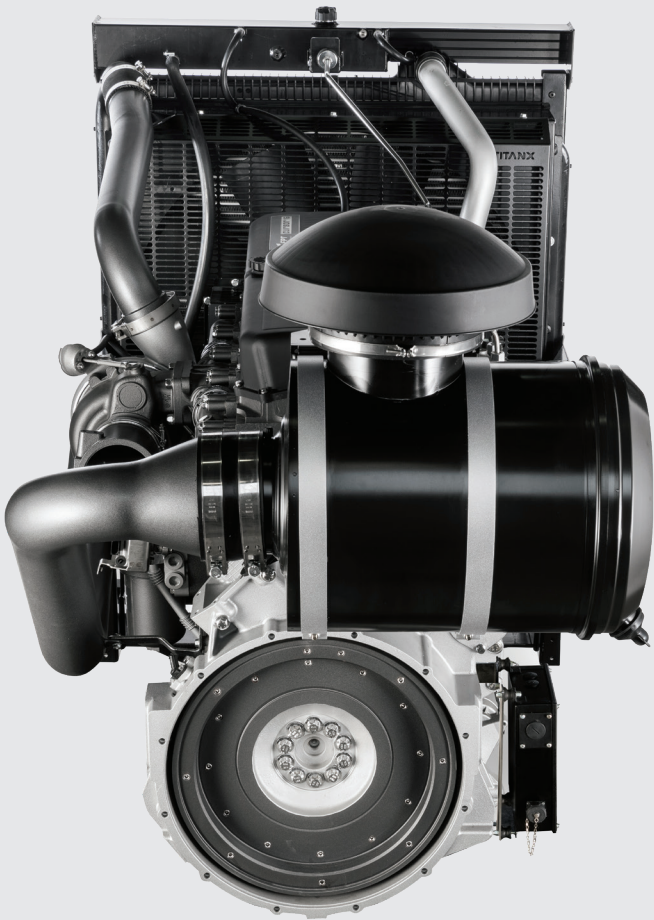
- Best-in-class fuel consumption (9% better than competitors average) thanks to FPT's state-of-the-art 2.200 bar Common Rail system and "displacement right-sizing" approach.
- Best in class oil service interval (up to 600 hours) with the smallest oil system capacity (32% less than competitors average).

Reliability

- The only 16-litre on the market specifically developed for off-road missions. Heavy duty and high performance components, such as steel pistons and CGI (Compact Graphite Iron) cylinder head.
- 22.000 hours of bench validation to test durability and reliability.

Dual Speed Mode

- Possibility to switch from 1500 rpm to 1800 according to market requests (50 Hz or 60 Hz).



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